



# Safety Data Sheet

according to WHS Regulations

Printing date 19.09.2019

Revision: 19.09.2019

## 1 Identification

**Product Name:** DYNAGRIP PERMANENT BEARINGLOCKER 10mL, 50mL - 10609, 50609**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Adhesive, sealant.**Details of Manufacturer or Importer:**AFC International Pty Ltd  
21-23 Hobart St  
Riverstone NSW 2765**Phone Number:** 02 9627 7125**Emergency telephone number:** National Poison Information Centre: 13 11 26

## 2 Hazard(s) Identification

**Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).



corrosion

Skin Corrosion/Irritation 1A H314 Causes severe skin burns and eye damage.

Serious Eye Damage/Irritation 1 H318 Causes serious eye damage.



Skin Sensitisation 1 H317 May cause an allergic skin reaction.

Aquatic Acute 2 H401 Toxic to aquatic life.

**Signal Word** Danger**Hazard Statements**

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H401 Toxic to aquatic life.

**Precautionary Statements**

P260 Do not breathe dusts or mists.

P264 Wash hands thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

(Contd. on page 2)

# Safety Data Sheet

## according to WHS Regulations

Printing date 19.09.2019

Revision: 19.09.2019

**Product Name: DYNAGRIP PERMANENT BEARINGLOCKER 10mL, 50mL - 10609, 50609**

(Contd. of page 1)

P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national regulations.

### 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures**
**Description:** Mixture of substances listed below with nonhazardous additions.

**Hazardous Components:**

CAS: 27813-02-1	Methacrylic acid, monoester with propane-1,2-diol ⚠ Serious Eye Damage/Irritation 2A, H319; Skin Sensitisation 1, H317	45 - <50%
CAS: 79-10-7	Acrylic acid ⚠ Flammable Liquids 3, H226; ⚠ Skin Corrosion/Irritation 1A, H314; ⚠ Aquatic Acute 1, H400; ⚠ Acute Toxicity (Oral) 4, H302; Acute Toxicity (Dermal) 4, H312; Acute Toxicity (Inhalation) 4, H332	5 - <10%
CAS: 80-15-9	2-hydroperoxy-2-phenylpropane ⚠ Self-react. E, H242; Organic Peroxides E, H242; ⚠ Acute Toxicity (Inhalation) 2, H330; ⚠ Germ Cell Mutagenicity 2, H341; STOT RE 1, H372; ⚠ Skin Corrosion/Irritation 1B, H314; Serious Eye Damage/Irritation 1, H318; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Toxicity (Oral) 4, H302; Acute Toxicity (Dermal) 4, H312; STOT SE 3, H335; Flammable Liquids 4, H227; Aquatic Acute 2, H401	<1%
CAS: 114-83-0	2'-phenylacetohydrazide ⚠ Acute Toxicity (Oral) 3, H301	<1%

### 4 First Aid Measures

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. Seek medical attention if breathing problems develop.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if symptoms occur.

**Ingestion:**

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Symptoms Caused by Exposure:**

Inhalation: May cause respiratory irritation and asthma-like symptoms.

Skin Contact: Causes severe skin burns. May cause an allergic skin reaction.

Eye Contact: Causes serious eye damage.

Ingestion: May cause gastrointestinal irritation and nausea.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Water fog, foam, dry chemical or carbon dioxide. Do not use full water jet.

(Contd. on page 3)

# Safety Data Sheet

## according to WHS Regulations

Printing date 19.09.2019

Revision: 19.09.2019

**Product Name: DYNAGRIP PERMANENT BEARINGLOCKER 10mL, 50mL - 10609, 50609**

(Contd. of page 2)

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon and nitrogen.

This product is not considered flammable, but may burn or decompose in a fire.

Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

**6 Accidental Release Measures****Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots.

Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material.

Collect the spilled material and place into a suitable container for disposal.

**7 Handling and Storage****Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Take precautionary measures against static discharge. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Contaminated work clothing must not be allowed out of the workplace. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from excessive moisture, UV light, sunlight, heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents, strong acids and strong bases.

**8 Exposure Controls and Personal Protection****Exposure Standards:****CAS: 79-10-7 Acrylic acid**

WES	TWA: 5.9 mg/m <sup>3</sup> , 2 ppm
	Sk

**Engineering Controls:**

Maintain air concentration below occupational exposure standards, providing adequate ventilation.

**Respiratory Protection:**

Use an approved type A/P2 vapour/particulate respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Butyl rubber gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards

(Contd. on page 4)

# Safety Data Sheet

according to WHS Regulations

Printing date 19.09.2019

Revision: 19.09.2019

**Product Name: DYNAGRIP PERMANENT BEARINGLOCKER 10mL, 50mL - 10609, 50609**

(Contd. of page 3)

the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Green
<b>Odour:</b>	Characteristic
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	Not determined
<b>Melting point/freezing point:</b>	Not determined
<b>Initial Boiling Point/Boiling Range:</b>	>150 °C
<b>Flash Point:</b>	>93 °C
<b>Flammability:</b>	Product is not flammable.
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	None
<b>Upper:</b>	None
<b>Vapour Pressure at 26 °C:</b>	<7 hPa
<b>Relative Density:</b>	>1
<b>Vapour Density:</b>	1.01 (Air = 1)
<b>Evaporation Rate:</b>	Low
<b>Solubility in Water:</b>	Insoluble
<b>Partition Coefficient (n-octanol/water):</b>	No information available
<b>Viscosity:</b>	Not determined

## 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:**

Excessive moisture, UV light, sunlight, heat, sparks, open flames and other sources of ignition.

**Incompatible Materials:** Strong oxidising agents, strong acids and strong bases.

**Hazardous Decomposition Products:** Oxides of carbon and nitrogen.

## 11 Toxicological Information

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:**

**CAS: 27813-02-1 Methacrylic acid, monoester with propane-1,2-diol**

Oral	LD <sub>50</sub>	11,200 mg/kg (rat)
Dermal	LD <sub>50</sub>	>3,000 mg/kg (rat)

**CAS: 79-10-7 Acrylic acid**

Oral	LD <sub>50</sub>	250 mg/kg (rat)
------	------------------	-----------------

(Contd. on page 5)

# Safety Data Sheet

according to WHS Regulations

Printing date 19.09.2019

Revision: 19.09.2019

**Product Name: DYNAGRIP PERMANENT BEARINGLOCKER 10mL, 50mL - 10609, 50609**

(Contd. of page 4)

Dermal	LD <sub>50</sub>	280 mg/kg (rabbit)
<b>CAS: 80-15-9 2-hydroperoxy-2-phenylpropane</b>		
Oral	LD <sub>50</sub>	382 mg/kg (rat)
Dermal	LD <sub>50</sub>	500 mg/kg (rat)
Inhalation	LC <sub>50</sub> /4 h	220 mg/l (rat)
<b>CAS: 114-83-0 2'-phenylacetohydrazide</b>		
Oral	LD <sub>50</sub>	270 mg/kg (mouse)

**Acute Health Effects****Inhalation:** May cause respiratory irritation and asthma-like symptoms.**Skin:** Causes severe skin burns. May cause an allergic skin reaction.**Eye:** Causes serious eye damage.**Ingestion:** May cause gastrointestinal irritation and nausea.**Skin Corrosion / Irritation:** Causes severe skin burns.**Serious Eye Damage / Irritation:** Causes serious eye damage.**Respiratory or Skin Sensitisation:** May cause an allergic skin reaction.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

Acrylic acid is classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No information available**Existing Conditions Aggravated by Exposure:**

People who suffer from skin conditions, asthma, allergies or chronic respiratory conditions should not use this substance.

**Additional toxicological information:** No information available

## 12 Ecological Information

**Ecotoxicity:****Aquatic toxicity:**

Toxic to aquatic life with long lasting effects.

<b>CAS: 27813-02-1 Methacrylic acid, monoester with propane-1,2-diol</b>	
LC <sub>50</sub> /48 h	493 mg/l (leuciscus idus)
<b>CAS: 79-10-7 Acrylic acid</b>	
EC <sub>50</sub> /48 h	95 mg/l (daphnia)
LC <sub>50</sub> /96 h	27 mg/l (rainbow trout)
<b>CAS: 80-15-9 2-hydroperoxy-2-phenylpropane</b>	
EC <sub>50</sub> /24 h	7 mg/l (daphnia)

(Contd. on page 6)

# Safety Data Sheet

according to WHS Regulations

Printing date 19.09.2019

Revision: 19.09.2019

**Product Name: DYNAGRIP PERMANENT BEARINGLOCKER 10mL, 50mL - 10609, 50609**

(Contd. of page 5)

EC <sub>50</sub> /72 h	3.1 mg/l (algae)
LC <sub>50</sub> /96 h	3.9 mg/l (rainbow trout)
LC <sub>50</sub> /48 h	18 mg/l (daphnia)

**Persistence and Degradability:** Some ingredients are not readily biodegradable.**Bioaccumulative Potential:** Low potential for bioaccumulation.**Mobility in Soil:** No further relevant information available.**Other adverse effects:** No further relevant information available.

## 13 Disposal Considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 Transport Information

<b>UN Number</b>	UN1760
<b>ADG, IMDG, IATA</b>	
<b>Proper Shipping Name</b>	CORROSIVE LIQUID, N.O.S. (Acrylic acid)
<b>ADG, IMDG, IATA</b>	
<b>Dangerous Goods Class</b>	8 Corrosive substances.
<b>ADG Class:</b>	
<b>Packing Group:</b>	II
<b>ADG, IMDG, IATA</b>	
<b>EMS Number:</b>	F-A,S-B
<b>Hazchem Code:</b>	2X
<b>Special Provisions:</b>	274
<b>Limited Quantities:</b>	1L
<b>Packagings &amp; IBCs - Packing Instruction:</b>	P001, IBC02
<b>Portable Tanks &amp; Bulk Containers - Instructions:</b>	T11
<b>Portable Tanks &amp; Bulk Containers - Special Provisions:</b>	TP2, TP27

## 15 Regulatory Information

### Australian Inventory of Chemical Substances:

CAS: 27813-02-1	Methacrylic acid, monoester with propane-1,2-diol
CAS: 79-10-7	Acrylic acid
CAS: 80-15-9	2-hydroperoxy-2-phenylpropane
CAS: 114-83-0	2'-phenylacetohydrazide

### Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Not Scheduled.

(Contd. on page 7)

## Safety Data Sheet

according to WHS Regulations

Printing date 19.09.2019

Revision: 19.09.2019

**Product Name: DYNAGRIP PERMANENT BEARINGLOCKER 10mL, 50mL - 10609, 50609**

(Contd. of page 6)

### 16 Other Information

**Date of Preparation or Last Revision:** 19.09.2019**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 LC<sub>50</sub>: Lethal concentration, 50 percent  
 LD<sub>50</sub>: Lethal dose, 50 percent  
 IARC: International Agency for Research on Cancer  
 STEL: Short Term Exposure Limit  
 TWA: Time Weighted Average  
 NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)  
 Flammable Liquids 3: Flammable liquids – Category 3  
 Flammable Liquids 4: Flammable liquids – Category 4  
 Self-react. E: Self-reactive substances and mixtures, Type E/F  
 Organic Peroxides E: Organic peroxides, Type E/F  
 Acute Toxicity (Oral) 3: Acute toxicity – Category 3  
 Acute Toxicity (Oral) 4: Acute toxicity – Category 4  
 Acute Toxicity (Inhalation) 2: Acute toxicity – Category 2  
 Skin Corrosion/Irritation 1A: Skin corrosion/irritation – Category 1A  
 Skin Corrosion/Irritation 1B: Skin corrosion/irritation – Category 1B  
 Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1  
 Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A  
 Skin Sensitisation 1: Skin sensitisation, Hazard Category 1  
 Germ Cell Mutagenicity 2: Germ cell mutagenicity – Category 2  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1  
 Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1  
 Aquatic Acute 2: Hazardous to the aquatic environment, short-term (Acute). Category 2  
 Aquatic Chronic 2: Hazardous to the aquatic environment, long-term (Chronic). Category 2

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. AFC International Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.